

Designing Craters: Creating a Deep Impact

Graphing Your Data

STUDENT HANDOUT

BACKGROUND INFORMATION

In this activity, we will be looking for patterns in the data that you have collected during your group's experiment. For this assignment, you need to create two graphs of your data:

- 1) Show the changes in crater depth (horizontal or x-axis) versus changes to the specific factor you are investigating (vertical or y-axis)
- 2) Show the changes in crater diameter (horizontal or x-axis) versus the changes in your tested factor (vertical or y-axis)

Use whatever format you think is most effective to display your data. Create your graphs, and then answer the following questions. **Note:** *Copies of your data charts and graphs will be made and distributed to your classmates for a later activity.*

Use the table below (or create your own) to record your ideas and keep track of your research.

1. Do you have enough data to see a trend yet? Explain your answer:

2. Is there anything unexpected in the data? Explain your answer: